

Title (en)
AQUEOUS INK, INKJET RECORDING METHOD, INK CARTRIDGE, RECORDING UNIT, INKJET RECORDER, AND IMAGE FORMING METHOD

Title (de)
WÄSSRIGE TINTE, TINTENSTRAHLAUFZEICHNUNGSVERFAHREN, TINTENPATRONE, AUFZEICHNUNGSEINHEIT, TINTENSTRAHLAUFZEICHNER UND BILDERZEUGUNGSVERFAHREN

Title (fr)
ENCRE AQUEUSE, PROCÉDÉ D' ENREGISTREMENT À JET D' ENCRE, CARTOUCHE D'ENCRE, UNITÉ D' ENREGISTREMENT, ENREGISTREUR À JET D' ENCRE, ET PROCÉDÉ DE FORMATION D' IMAGE

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Abstract (en)
[origin: US2006100311A1] Disclosed is an aqueous ink comprising at least water, a plurality of water-soluble organic solvents and a coloring material. The coloring material is a pigment, and, it contains a pigment particle having at least one ionic group bonded to a surface of the pigment particle directly or via another atomic group. The plurality of water-soluble organic solvents have a good medium or good mediums for the pigment and a poor medium or poor mediums for the pigment. The poor medium does not solvate perfectly or substantially the pigment. The ionic group undergoes perfectly or substantially no ionic dissociation in the poor medium. Also, among the respective Ka values of the plurality of water-soluble organic solvents as determined by the Bristow method, the Ka value of the poor medium is maximum.

IPC 8 full level
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- No further relevant documents disclosed
- See references of WO 2006001545A1

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